

```

begin 5,73,155,399
 11sep03 13:45:56 User208760 Session D2365.2
    $0.00 0.071 DialUnits File410
  $0.00 Estimated cost File410
  $0.01 TELNET
  $0.01 Estimated cost this search
  $0.30 Estimated total session cost 0.153 DialUnits

SYSTEM:OS - DIALOG OneSearch
  File 5:Biosis Previews(R) 1969-2003/Sep W1
    (c) 2003 BIOSIS
  File 73:EMBASE 1974-2003/Sep W1
    (c) 2003 Elsevier Science B.V.
  File 155:MEDLINE(R) 1966-2003/Sep W1
    (c) format only 2003 The Dialog Corp.
*File 155: Medline has been reloaded and accession numbers have
changed. Please see HELP NEWS 155.
  File 399:CA SEARCH(R) 1967-2003/UD=13911
    (c) 2003 American Chemical Society
*File 399: Use is subject to the terms of your user/customer agreement.
Alert feature enhanced for multiple files, etc. See HELP ALERT.

  Set Items Description
  --- -----
? s (3D1) and (b7(w)2 or cd86)
  178 3D1
  17825 B7
  8911103 2
  4706 B7 (W) 2
  7674 CD86
  S1 1 (3D1) AND (B7 (W) 2 OR CD86)
? t s2/7/all
>>>Set 2 does not exist
? t s1/7/all

  1/7/1 (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2003 American Chemical Society. All rts. reserv.

  133191991 CA: 133(14)191991w PATENT
  Humanized immunoglobulin reactive with B7 molecules and methods of
  treatment therewith
  INVENTOR(AUTHOR): Co, Man Sung; Vasquez, Maximiliano; Carreno, Beatriz;
  Celniker, Abbie Cheryl; Collins, Mary; Goldman, Samuel; Gray, Gary S. ;
  Knight, Andrea; O'Hara, Denise; Rup, Bonita; Veldman, Geertruida M.
  LOCATION: USA
  ASSIGNEE: Genetics Institute, Inc.
  PATENT: PCT International ; WO 200047625 A2 DATE: 20000817
  APPLICATION: WO 2000US3303 (20000209) *US 249011 (19990212) *US 339596
  (19990624)
  PAGES: 162 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C07K-016/28A;
  C12N-005/10B; C12N-015/62B; C12N-015/13B; G01N-033/68B; G01N-033/577B;
  A61K-039/395B; A61K-035/12B; A61P-035/00B; A61P-007/06B; A61P-003/00B;
  A61P-037/00B; A61P-025/00B; A61P-001/18B; A61P-019/02B; A61P-001/00B;
  A61P-017/00B; A61K-039/505B; A61K-038/13B; A61K-031/445B
  DESIGNATED COUNTRIES: AE; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH;
  CN; CR; CU; CZ; DE; DK; DM; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL;
  IN; IS; JP; KE; KG; KP; KR; LZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK;
  MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT;
  TZ; UA; UG; US; UZ; VN; YU; ZA; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM
  DESIGNATED REGIONAL: GH; GM; KE; LS; MW; SD; SL; SZ; TZ; UG; ZW; AT; BE;
  CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; BF; BJ; CF;
  CG; CI; CM; GA; GN; GW; ML; MR; NE; SN; TD; TG
  SECTION:

```

CA215003 Immunochemistry

CA203XXX Biochemical Genetics

IDENTIFIERS: humanized Ig antigen B7 autoimmune disease

DESCRIPTORS:

Interleukin 2 receptors...

antagonists; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Anemia(disease)...

aplastic; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Animal cell line...

ATCC CRL-12524 and PTA-263; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Transplant and Transplantation...

bone marrow; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Receptors...

B7-1; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Glycoproteins, specific or class...

CD40-L (antigen CD40 ligand); humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Blood products...

component transplant; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Gene therapy...

delivery vector; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Metabolism,animal...

disorder, inborn; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Gene,animal...

fusion; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Immunoglobulins...

G, human const. or framework; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Immunoglobulins...

G2, human const. or framework; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Immunoglobulins...

G4, human const. or framework; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Immunoglobulins...

heavy chains, humanized; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Immunodeficiency...

hereditary; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Adeno-associated virus... Anemia(disease)... Antigens... Arthritis...

Asthma... Autoimmune disease... CD40(antigen)... CD80(antigen)...

CD86(antigen)... Diabetes mellitus... DNA sequences... Drug delivery systems... Drugs... Genetic vectors... Hematopoiesis... Immunomodulators...

Immunosuppressants... Immunotherapy... Infection... Inflammation...

Leukemia... Lymphocyte... Lymphoma... Mammal(Mammalia)... Molecular cloning... Mouse... Multiple sclerosis... Neoplasm... Nucleic acids... Protein sequences... Retroviridae... Rodent... Sickle cell anemia...

Steroids, biological studies... Thalassemia... Transplant rejection... humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Antibodies... Immunoglobulins... humanized; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Immune tolerance... induction; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Dermatitis... Intestine, disease... inflammatory; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Pancreatic islet of Langerhans... insulitis; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Immunoglobulins... light chains, humanized; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Histocompatibility antigens... MHC (major histocompatibility complex), class I; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Antibodies... monoclonal, 3D1 and 1F1; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Myeloproliferative disorders... myelodysplasia; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Blood... peripheral; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Disease, animal... proliferative; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Cell... stem; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Lupus erythematosus... systemic; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Toxoids... tetanus; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

Blood cell... Bone marrow... transplant; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

DNA... vector; humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

CAS REGISTRY NUMBERS:

288406-94-0P 288406-95-1P 288406-96-2P 288406-97-3P 288406-98-4P
288406-99-5P 288407-00-1P 288407-01-2P amino acid sequence;
humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

9004-10-8 biological studies, humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

53-03-2 59-05-2 1247-42-3 9001-28-9 9002-72-6 53123-88-9 59865-13-3
63798-73-2 104987-11-3 113189-02-9 128794-94-5 152923-56-3
252850-66-1 humanized Ig. reactive with B7 mols. for treatment of autoimmune diseases, inflammation, transplant rejection, and infections

9025-75-6 inhibitor; humanized Ig. reactive with B7 mols. for treatment of

autoimmune diseases, inflammation, transplant rejection, and infections
288637-71-8P 288637-72-9P 288637-73-0P 288637-74-1P 288637-75-2P
288637-76-3P 288637-77-4P 288637-78-5P nucleotide sequence;
humanized Ig. reactive with B7 mols. for treatment of autoimmune
diseases, inflammation, transplant rejection, and infections
141977-02-8 246223-23-4 288390-77-2 288390-78-3 288390-79-4
288390-80-7 288390-82-9 288390-83-0 288390-84-1 288390-85-2
288390-86-3 288390-87-4 unclaimed sequence; humanized Ig reactive
with B7 mols. and methods of treatment therewith

?

```

begin 5,73,155,399
 11sep03 10:03:00 User208760 Session D2364.2
  $0.00    0.071 DialUnits File410
  $0.00  Estimated cost File410
  $0.01  TELNET
  $0.01  Estimated cost this search
  $0.30  Estimated total session cost  0.155 DialUnits

SYSTEM:OS - DIALOG OneSearch
  File 5: Biosis Previews(R) 1969-2003/Sep W1
    (c) 2003 BIOSIS
  File 73: EMBASE 1974-2003/Sep W1
    (c) 2003 Elsevier Science B.V.
  File 155: MEDLINE(R) 1966-2003/Sep W1
    (c) format only 2003 The Dialog Corp.
*File 155: Medline has been reloaded and accession numbers have
changed. Please see HELP NEWS 155.
  File 399: CA SEARCH(R) 1967-2003/UD=13911
    (c) 2003 American Chemical Society
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Alert feature enhanced for multiple files, etc. See HELP ALERT.

  Set  Items  Description
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? e au=co man ?

Ref  Items  Index-term
E1      1  AU=CO M.D.T.
E2      8  AU=CO M.S.
E3      0  *AU=CO MAN ?
E4      19  AU=CO MAN SUNG
E5      1  AU=CO MANUEL C
E6      1  AU=CO MARK A
E7      1  AU=CO MARTI F
E8      2  AU=CO MARY DAWN T
E9      1  AU=CO MATHEW
E10     1  AU=CO MATTHEW
E11     1  AU=CO MINH H.B.
E12     1  AU=CO MPAGNO A.

  Enter P or PAGE for more
? s e1-d4
>>> Invalid term: D4
? s e1-e4
      1  AU=CO M.D.T.
      8  AU=CO M.S.
      0  AU=CO MAN ?
      19  AU=CO MAN SUNG
S1      28  E1-E4
? s s1 and b7?
      28  S1
      22341  B7?
S2      0  S1 AND B7?
? s s1 and (h2f or III2R)
      28  S1
      40  H2F
      0  III2R
S3      0  S1 AND (H2F OR III2R)
? s (B7? or or b7(w)2 or cd86) and (h2f or III2R)
>>> Operator "OR" in invalid position
? s (B7? or b7(w)2 or cd86) and (h2f or III2R)
      22341  B7?
      17825  B7
      8911103  2

```

4706 B7 (W) 2
7674 CD86
40 H2F
0 III2R
S4 0 (B7? OR B7 (W) 2 OR CD86) AND (H2F OR III2R)

?

Set Name Query
side by sideHit Count Set Name
result set*DB=JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ*

L6 (antibod\$ or immunoglobulin\$ or hybridoma\$ or cdr or framework)same(H2F or III2R) 0 L6

L5 ('b7-2' or b72 or cd86)same (antibod\$ or immunoglobulin\$ or hybridoma\$) and (H2F or III2R) 0 L5

DB=USPT,PGPB; PLUR=YES; OP=ADJ

L4 ('b7-2' or b72 or cd86)same (antibod\$ or immunoglobulin\$ or hybridoma\$) and (H2F or III2R) 1 L4

L3 L1 and (b7\$)same (antibod\$ or immunoglobulin\$ or hybridoma\$) 1 L3

L2 L1 and ('b7-2' or cd86) 1 L2

L1 co.in. 507 L1

END OF SEARCH HISTORY

WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#) [Search Form](#) [Posting Counts](#) [Show S Numbers](#) [Edit S Numbers](#) [Preferences](#) [Cases](#)**Search Results -**

Term	Documents
CDR	810
CDRS	201
FRAMEWORK	35490
FRAMEWORKS	2168
H2F	6
H2FS	0
III2R	0
III2RS	0
ANTIBOD\$	0
ANTIBOD	4
ANTIBODES	4
((ANTIBOD\$ OR IMMUNOGLOBULIN\$ OR HYBRIDOMA\$ OR CDR OR FRAMEWORK)SAME(H2F OR III2R)).JPAB,EPAB,DWPI.	0

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Database:

Search:

Search History**DATE: Thursday, September 11, 2003** [Printable Copy](#) [Create Case](#)

WEST

Search Results - Record(s) 1 through 1 of 1 returned.

1. Document ID: US 20020176855 A1

L4: Entry 1 of 1

File: PGPB

Nov 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020176855
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020176855 A1

TITLE: HUMANIZED IMMUNOGLOBULIN REACTIVE WITH B7-2 AND METHODS OF TREATMENT THEREWITH

PUBLICATION-DATE: November 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
CO, MAN SUNG	CUPERTINO	CA	US	
VASQUEZ, MAXIMILIANO	PALO ALTO	CA	US	
CARRENO, BEATRIZ	ACTON	MA	US	
CELNIKER, ABBIE CHERYL	NEWTON	MA	US	
COLLINS, MARY	NATICK	MA	US	
GOLDMAN, SAMUEL	ACTON	MA	US	
GRAY, GARY S.	BROOKLINE	MA	US	
KNIGHT, ANDREA	HAMPTON	NH	US	
O'HARA, DENISE	READING	MA	US	
RUP, BONITA	READING	MA	US	
VELDMAN, GEERTRUIDA M.	SUDBURY	MA	US	

US-CL-CURRENT: 424/133.1; 424/141.1, 424/143.1, 424/144.1, 424/153.1, 424/173.1,
435/252.3, 435/320.1, 435/326, 435/328, 435/334, 435/343, 435/346, 435/440, 435/455,
435/69.6, 530/387.3, 530/388.1, 530/388.22, 530/388.73, 536/23.1, 536/23.4, 536/23.53

Term	Documents
B7-2	686
B7-2S	0
B72	316
B72S	1
CD86	1017
CD86S	0
H2F	15
H2FS	0
III2R	0
III2RS	0
ANTIBOD\$	0
((B7-2' OR B72 OR CD86)SAME (ANTIBOD\$ OR IMMUNOGLOBULIN\$ OR HYBRIDOMA\$) AND (H2F OR III2R)).USPT,PGPB.	1

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Search Results - Record(s) 1 through 4 of 4 returned.

 1. Document ID: US 20020176855 A1

L1: Entry 1 of 4

File: PGPB

Nov 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020176855

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020176855 A1

TITLE: HUMANIZED IMMUNOGLOBULIN REACTIVE WITH B7-2 AND METHODS OF TREATMENT THEREWITH

PUBLICATION-DATE: November 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
CO, MAN SUNG	CUPERTINO	CA	US	
VASQUEZ, MAXIMILIANO	PALO ALTO	CA	US	
CARRENO, BEATRIZ	ACTON	MA	US	
CELNIKER, ABBIE CHERYL	NEWTON	MA	US	
COLLINS, MARY	NATICK	MA	US	
GOLDMAN, SAMUEL	ACTON	MA	US	
GRAY, GARY S.	BROOKLINE	MA	US	
KNIGHT, ANDREA	HAMPTON	NH	US	
O'HARA, DENISE	READING	MA	US	
RUP, BONITA	READING	MA	US	
VELDMAN, GEERTRUIDA M.	SUDSBURY	MA	US	

US-CL-CURRENT: 424/133.1, 424/141.1, 424/143.1, 424/144.1, 424/153.1, 424/173.1,
435/252.3, 435/320.1, 435/326, 435/328, 435/334, 435/343, 435/346, 435/440, 435/455,
435/69.6, 530/387.3, 530/388.1, 530/388.22, 530/388.73, 536/23.1, 536/23.4, 536/23.53

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 2. Document ID: US 6432364 B1

L1: Entry 2 of 4

File: USPT

Aug 13, 2002

US-PAT-NO: 6432364

DOCUMENT-IDENTIFIER: US 6432364 B1

TITLE: SPR sensor cell and immunoassay apparatus using the same

DATE-ISSUED: August 13, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Negami; Mitsuhiro	Shizuoka			JP
Nakamura; Muneaki	Shizuoka			JP
Suzuki; Kazuyasu	Shizuoka			JP

US-CL-CURRENT: 422/82.11; 385/12, 422/82.05, 422/82.06, 422/82.08, 422/82.09

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn Desc](#) | [Image](#)

3. Document ID: US 6197524 B1

L1: Entry 3 of 4

File: USPT

Mar 6, 2001

US-PAT-NO: 6197524

DOCUMENT-IDENTIFIER: US 6197524 B1

TITLE: Methods for detecting, identifying, isolating, and selectively labelling and targeting TH1 lymphocyte by means of the LAG-3 protein

DATE-ISSUED: March 6, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Romagnani; Sergio	Florence			IT

US-CL-CURRENT: 435/7.1; 435/7.2, 435/7.24, 436/501, 436/506, 436/536, 436/811

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn Desc](#) | [Image](#)

4. Document ID: US 6022863 A

L1: Entry 4 of 4

File: USPT

Feb 8, 2000

US-PAT-NO: 6022863

DOCUMENT-IDENTIFIER: US 6022863 A

TITLE: Regulation of gene expression

DATE-ISSUED: February 8, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Peyman; John A.	Cheshire	CT		

US-CL-CURRENT: 514/44; 435/1.1, 435/325, 435/91.1, 536/24.1, 800/13, 800/25

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Drawn Desc](#) | [Image](#)

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Term	Documents
3D1	330
3D1S	0
CD86	1017
CD86S	0
B7-2	686
B7-2S	0
ANTIBOD\$	0
ANTIBOD	863
ANTIBODAY	1
ANTIBODCIES	1
ANTIBODEES	2
((3D1) SAME (ANTIBOD\$ OR IMMUNOGLOBULIN\$ OR HYBRIDOMA\$) AND (B7? OR CD86 OR 'B7-2')).USPT,PGPB.	4

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